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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/081,771
		Filing Date	February 20, 2002
		First Named Inventor	COX, DAVID R. et al.
		Group Art Unit	1655
		Examiner Name	
Total Number of Pages in This Submission	5	Attorney Docket Number	UCSF-127CIP2

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	PAMELA J. SHERWOOD, Reg. No. 36,677
Signature	
Date	July 31, 2002

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INFORMATION DISCLOSURE STATEMENT	Attorney Docket	UCSF-127CIP2	
	First Named Inventor	COX, DAVID R.	
	Application Number	10/081,771	
	Confirmation No.	4176	
	Filing Date	February 20, 2002	
	Group Art Unit	1655	
	Examiner Name		
Title: "MISMATCH REPAIR DETECTION"			

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-SB/08A listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

All but one of the references identified herein were disclosed in parent application serial numbers 10/072,047, filed 02/08/2002; 09/271,055, filed 03/17/99; 08/713,751, filed 09/13/96 and as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d).

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. UCSF-127CIP2 may be charged thereon.

Respectfully submitted,  
BOZICEVIC, FIELD & FRANCIS LLP

Date: July 31, 2002

By: Pamela J. Sherwood  
Pamela J. Sherwood  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

3

*Complte if Known*

Application Number	10/081,771
Filing Date	February 20, 2002
First Named Inventor	Cox, et al.
Group Art Unit	1655
Examiner Name	Unassigned
Attorney Docket Number	UCSF-127CIP2

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,959,317		Sauer	09-25-1990	
		5,376,526		Brown, et al.	12-27-1994	
		5,654,182		Wahl, et al.	08-05-1997	
		5,679,522		Modrich, et al.	10-21-1997	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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		BISHOP, et al. "The power of identity-by-state methods for linkage analysis", <i>Am. J. Hum. Genet.</i> , (1990) Vol. 46: 254-265.	
		BROOKES, et al. "Cloning the shared components of complex DNA resources", <i>Human Molecular Genetics</i> , (1994) Vol. 3: 2011-2017.	
		CAMERINI-OTERO, (1991), <i>Nature Genetics</i> , 5:11	
		CARRAWAY, et al. "Repair of heteroduplex DNA molecules with multibase loops in <i>Escherichia coli</i> ", <i>J. Bacteriology</i> , (1993) Vol. 175: 3972-3980.	
		CASNA, et al. "Genomic analysis II: Isolation of high molecular weight heteroduplex DNA following differential methylase protection and formamide-PERT hybridization", <i>Nucleic Acids Res.</i> , (1986) Vol. 14(18): 7285-7303.	
		COTTON, et al. "Reactivity of cytosine and thymine in single-base-pair mismatches with hydroxylamine and osmium tetroxide and its application to the study of mutations", <i>Proc. Natl. Acad. Sci. USA</i> , (1988) Vol. 85: 4397-4401.	
		DIAS, et al. "Genetic recombination as a reporter for screening steroid receptor agonists and antagonists", <i>Anal. Biochem.</i> , (1998) Vol. 258: 96-102.	

Examiner Signature

Date Considered

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<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	3	Application Number	10/081,771
				Filing Date	February 20, 2002
				First Named Inventor	Cox, et al.
				Group Art Unit	1655
				Examiner Name	Unassigned
				Attorney Docket Number	UCSF-127CIP2

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		FERRIN, et al. "Selective cleavage of human DNA: RecA-assisted restriction endonuclease (RARE) cleavage", <i>Science</i> (1991) Vol. 254: 1494-1497.
		GROMPE. "The rapid detection of unknown mutations in nucleic acids", <i>Nature Genetics</i> , (1993) Vol. 5: 111-117.
		LANDER, et al. "Homozygosity mapping: A way to map human recessive traits with the DNA of inbred children", <i>Science</i> , (1987) Vol. 236: 1567-1570.
		MASHAL, et al. "Detection of mutations by cleavage of DNA heteroduplexes with bacteriophage resolvases", <i>Nature Genetics</i> , (1995) Vol. 9: 177-183.
		MILLS, et al., "Electrophoretic Evidence That Single Stranded Regions of One or More Nucleotides Dramatically Increase the Flexibility of DNA," <i>Biochemistry</i> (1994), Vol. 33: 1797-1803.
		MODRICH. "Mechanisms and biological effects of mismatch repair", <i>Annu. Rev. Genet.</i> , (1991) Vol. 25: 229-253.
		MYERS, et al. "Nearly all single base substitutions in DNA fragments joined to a GC-clamp can be detected by denaturing gradient gel electrophoresis", <i>N.A.R.</i> , (1985) Vol. 13: 3131-3145.
		MYERS, et al. "Detection of single base substitutions by ribonuclease cleavage at mismatches in RNA: DNA duplexes", <i>Science</i> , (1985) Vol. 230: 1242-1246.
		MYERS, et al. "Detection and localization of single base changes by denaturing gradient gel electrophoresis", <i>Meth. Enzym.</i> , (1987) Vol. 155: 501-527.
		ORITA, et al. "Rapid and sensitive detection of point mutations and DNA polymorphisms using the polymerase chain reaction", <i>Genomics</i> , (1989). Vol. 5: 874-879.
		ORITA, et al. "Detection of polymorphisms of human DNA by gel electrophoresis as single-strand conformation polymorphisms", <i>P.N.A.S.</i> , (1989) Vol. 86: 2766-2770.
		PARKER, et al. "Repair of DNA heteroduplexes containing small heterologous sequences in <i>Escherichia coli</i> ", <i>P.N.A.S.</i> , (1992) Vol. 89:1730-1734.
		PERRY, et al. "Hydrolink gels: A rapid and simple approach to the detection of DNA mutations in thromboembolic disease", <i>Clin Pathol.</i> , (1992) Vol. 45: 158-160.

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Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/081,771
Sheet	3	of	3	Filing Date	February 20, 2002
				First Named Inventor	Cox, et al.
				Group Art Unit	1655
				Examiner Name	Unassigned
				Attorney Docket Number	UCSF-127CIP2

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		RAPOSA, et al., "Some Features of Base Repair Mismatch and Heterology Repair in Escherichia coli," <i>Genetics</i> (1987), Vol. 117: 381-390.
		RISCH. "Linkage strategies for genetically complex traits: The power of affected relative pairs", <i>Am. J. Hum. Genet.</i> , (1990) Vol. 46: 229-241.
		SANDA, et al. "Genomic analysis I: Inheritance units and genetic selection in the rapid discovery of locus linked DNA markers", <i>Nucleic Acids Res.</i> , (1986) Vol. 14: 7265-7282.
		SHEFFIELD, et al. "Attachment of a 40-base-pair G+C-rich sequence (GC-clamp) to genomic DNA fragments by the polymerase chain reaction results in improved detection of single-base changes", <i>P.N.A.S.</i> (1989), Vol. 86: 231-236.
		WAGNER, et al. "Repair tracts in mismatched DNA heteroduplexes", <i>P.N.A.S.</i> , (1976) Vol. 73: 4135-4139.
		WANG, et al. "Large-scale identification, mapping, and genotyping of single-nucleotide polymorphisms in the human genome", <i>Science</i> , (1998), Vol. 280: 1077-1082.
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		YOUIL, et al. "Screening for mutations by enzyme mismatch cleavage with T4 endonuclease VII", <i>P.N.A.S.</i> , (1995) Vol. 92: 87-91.

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